Section 7

List of Contents

A Identification Diagrams 1

1 Units of the ADC Compact Digitizer (Overview) 1

2 Frame (Assembly No. 100) 2

3 Erasure Unit (Assembly No. 150) 3

4 Rotation Drive (Assembly No. 200) 4

5 VME Rack (Assembly No. 300) 6

6 Power Unit (Assembly No. 400) 8

7 Scan Unit (Assembly No. 500) 10

8 IP – Transport Units (Assemblies No. 600, 650) 14

9 Cassette Units (Assemblies No. 700, 750) 18

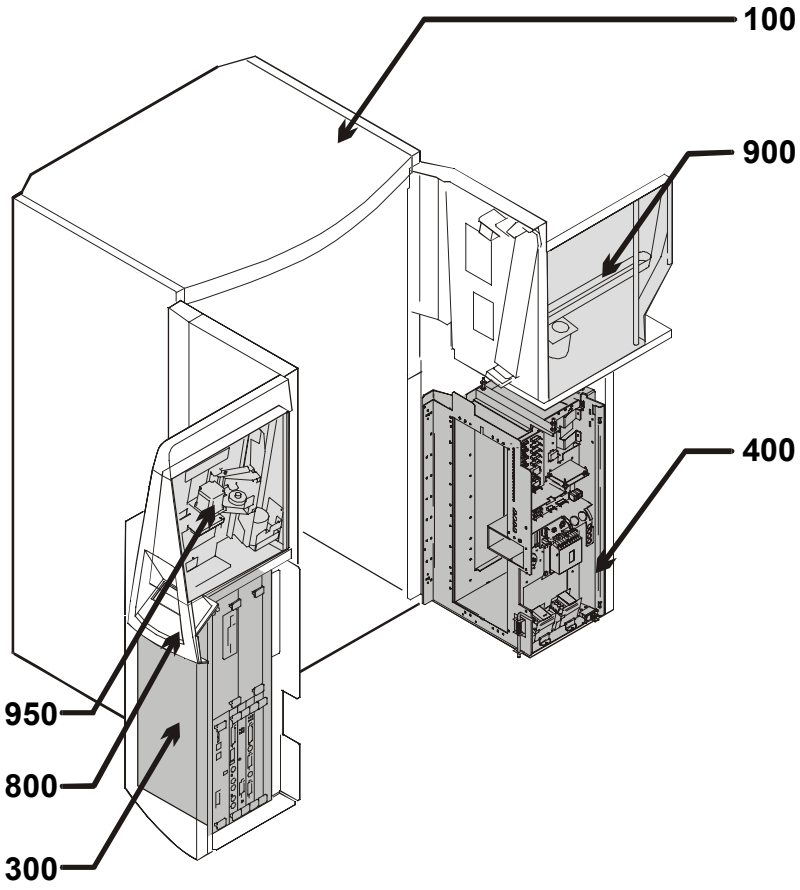
10 Door left (Assembly 800) 22

11 I / O Buffer (Assemblies No. 900, 930, 950) 24

B Circuit Diagrams of the ADC Compact Digitizer (Sheet 1/2) 27

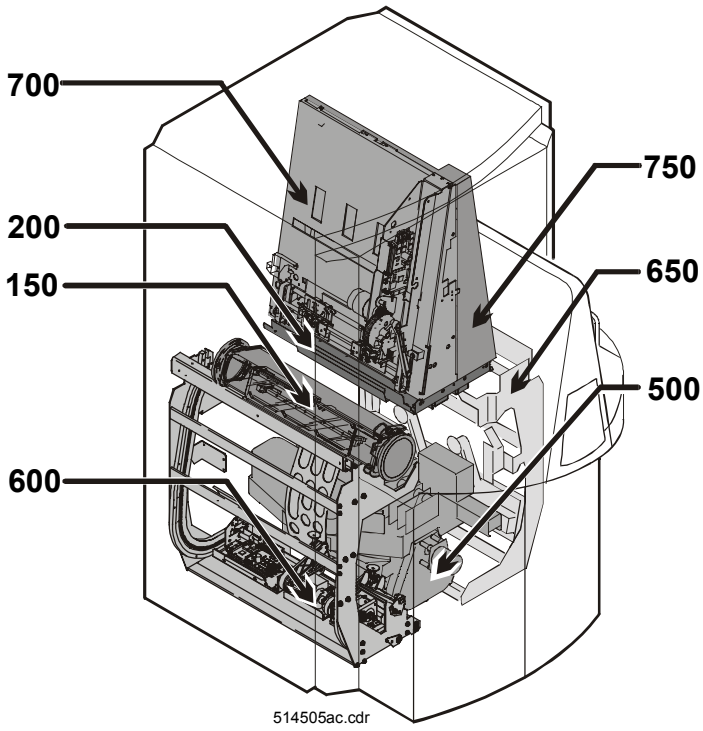
A Identification Diagrams

1 Units of the ADC Compact Digitizer (Overview)



950 Output Buffer
800 Left Door
300 VME-Rack

100 Frame
900 Input Buffer
400 Power Unit

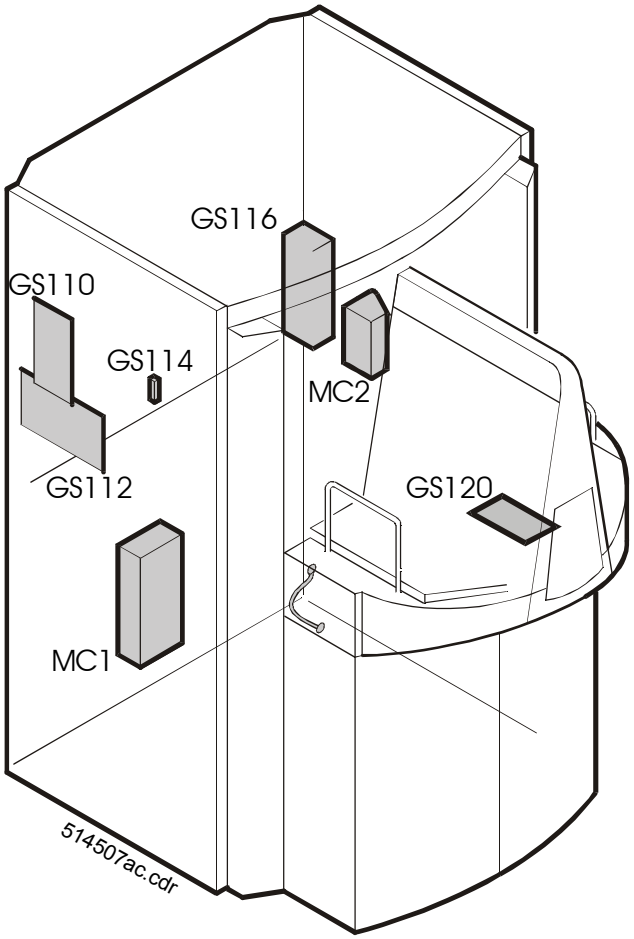


700 Cassette Unit 1
200 Rotation Unit
150 Erasure Unit
600 IP- Transport Unit (left)

750 Cassette Unit 2
650 IP-Transport Unit (right)
500 Scan Unit

2 Frame (Assembly No. 100)

2.1 Diagram

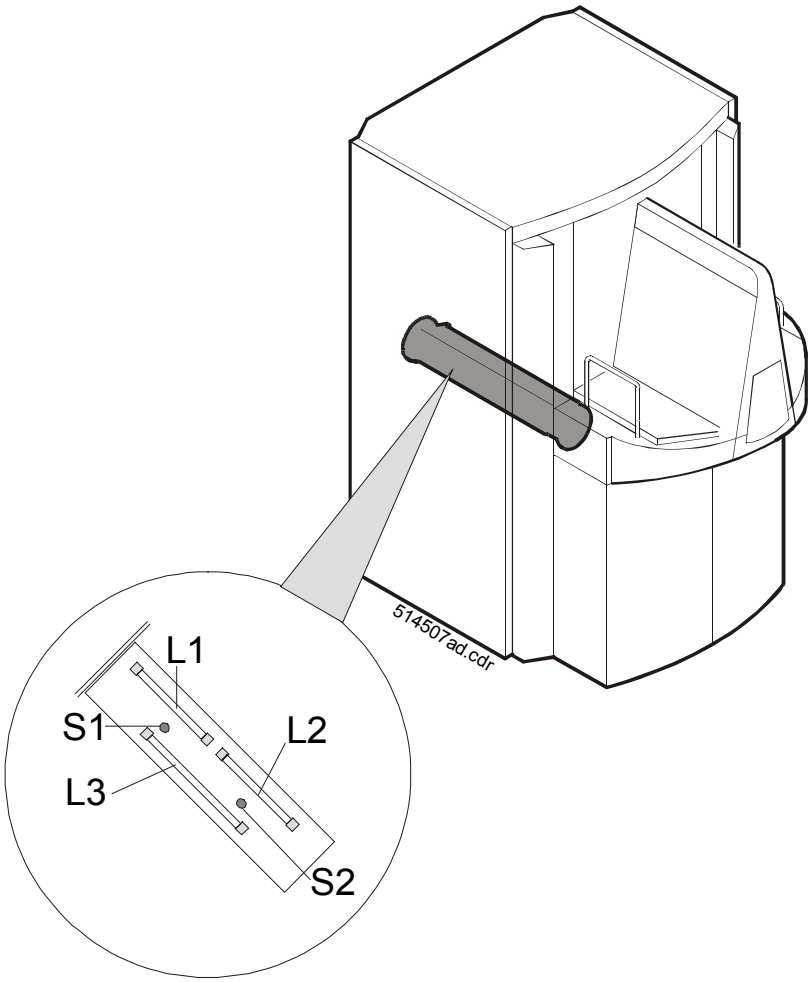


2.2 Table of Components

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
100	GS110	GS110-IOBUS-DISTRIB.	I/O BUS distributor board	1
100	GS112	GS112-ETHERNET-BOARD	10base2/twisted pair/AUI	2
100	GS114	GS114-ROT-WORKPOS-LS	Rotation unit working position (Gap light barrier)	1
100	GS116	GS116-LAS-POWER-SUPPL	HT-Power supply Laser, 15 kV	1
100	GS120	GS120-IOBUS-DISTRIB.	I/O BUS distributor board	1
100	MC1	100MC1-3PH-LINE-FILT.	3-phase Line Filter	1
100	MC2	100MC2-LAS-LINE-FILT.	Filter Laser power supply	1

3 Erasure Unit (Assembly No. 150)

3.1 Diagram

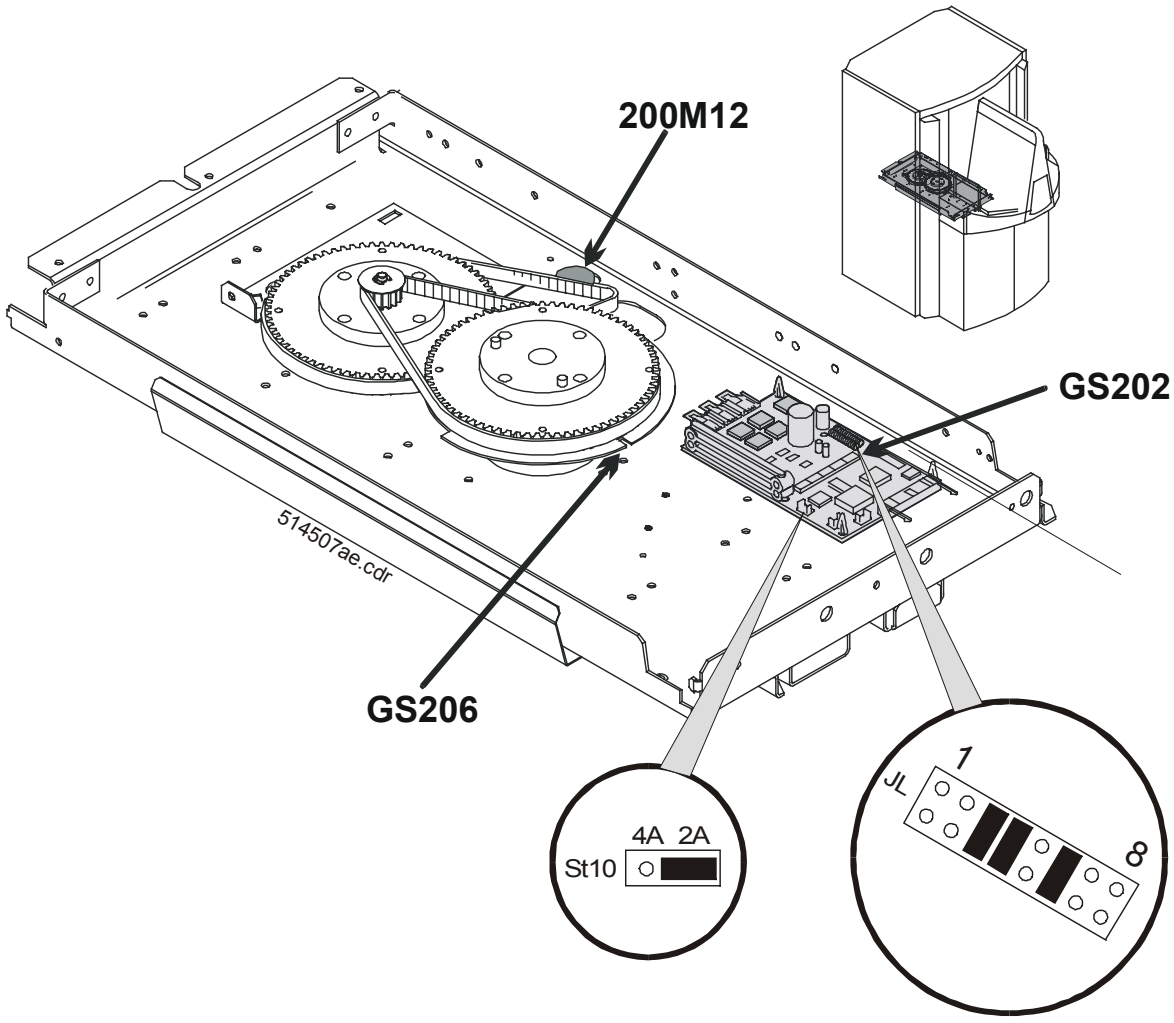


3.2 Table of Components

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
150	L1	150L1-ERAS-LAMP-1000W	Erasure lamp, 1000 W	1
150	L2	150L2-ERAS-LAMP-1000W	Erasure lamp, 1000 W	1
150	L3	150L3-ERAS-LAMP-2000W	Erasure lamp, 2000 W	1
150	S1	150S1-THERMO-SWITCH	Thermoswitch, on 55°, off 75°C, software controlled	1
150	S2	150S2-OVERHEAT-SWITCH	Overheat protection, 95°C, manually reversible	1

4 Rotation Drive (Assembly No. 200)

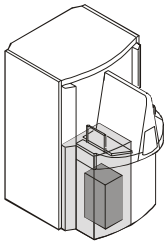
4.1 Diagram



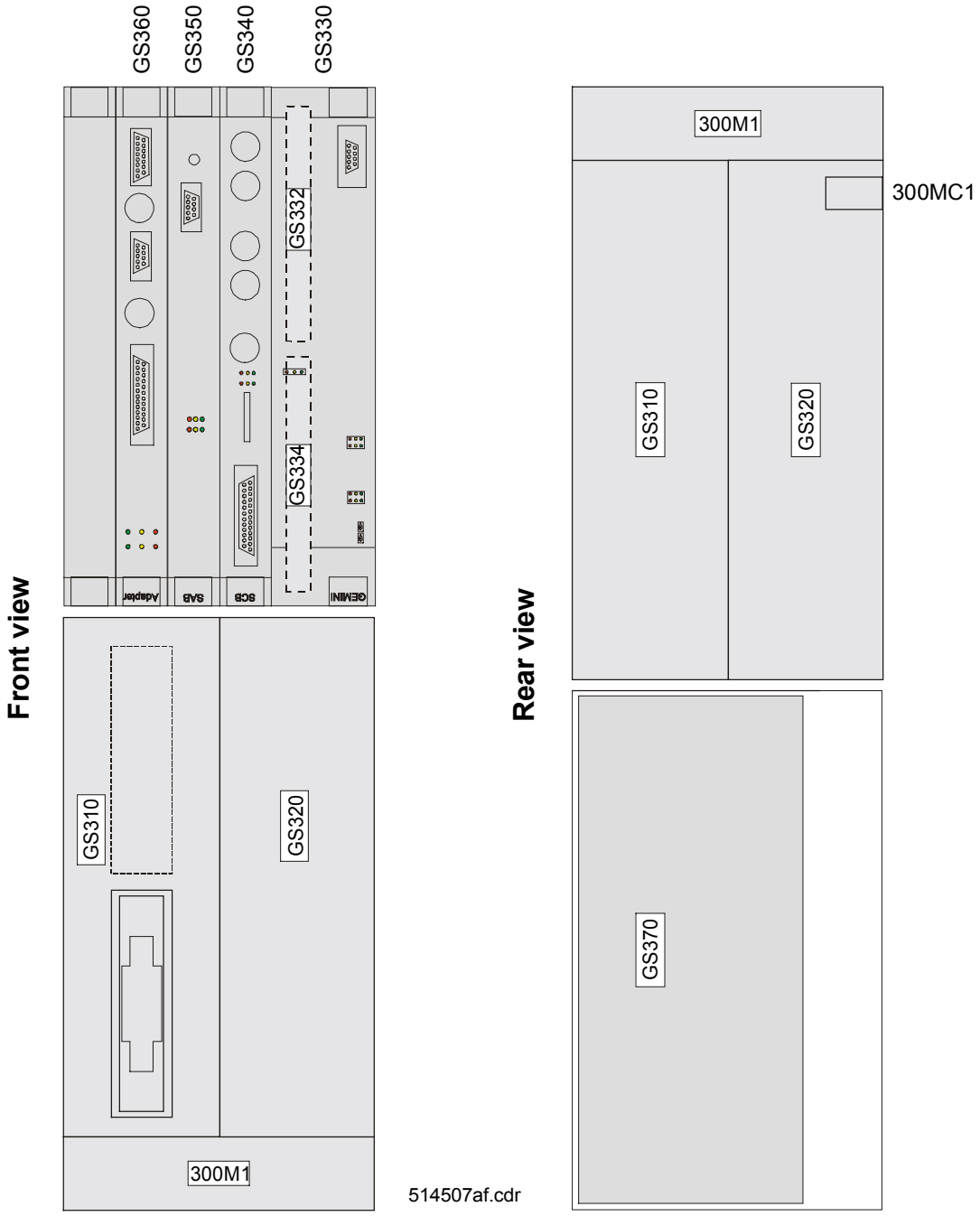
4.2 Table of Components

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
200	GS202	GS202-ROTATION-BD	Rotation unit step motor control board	1
200	GS206	GS206-ROTAT-0-POS-LS	Rotation unit 0-pos (Gap light barrier)	1
200	M12	200M12-ROTATION-DRIVE	Rotation unit step motor	1

5 VME Rack (Assembly No. 300)



5.1 Diagram

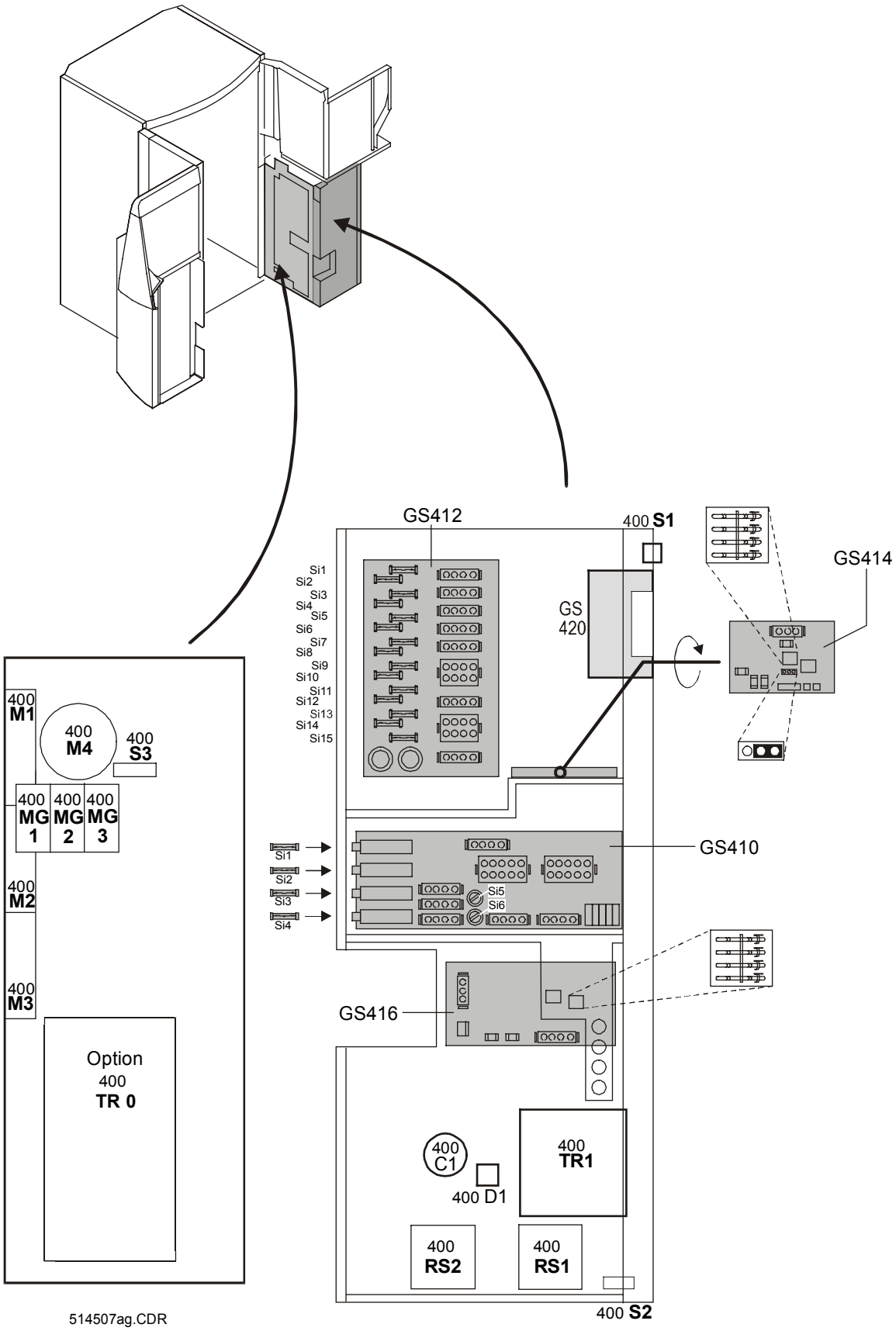


5.2 Table of Components

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Fuse	Quality
300	GS310	GS310-VME-STORAGE-BD	VME-rack Storage board		
300	GS310	GS310-VME-HARD-DISK	Storage board Harddisk		
300	GS310	GS310-VME-FLOPPY-DRV	Storage board Floppy disk drive		
300	GS320	GS320-VME-POWER-SUPPL	VME-BUS Power supply, DC +12V, -12V, +5V		
300	GS330	GS330-VME-GEMINI-BD	VME-rack GEMINI board		
300	GS332	GS330-VME-BER-BD	VME-rack BER (Ethernet) board		
300	GS334	GS330-VME-MEM-BD	VME-rack Memory board		
300	GS340	GS340-VME-SCB	VME-rack Scan control board		
300	GS350	GS350-VME-SAB	VME-rack Scan Acquisition board		
300	GS360	GS360-VME-ADAPTER-BD	VME-rack Adapter board	SI 1	T3,2A
300	GS370	GS370-VME-BACKPLANE	VME-bus backplane		
300	M1	300M1-VME-FAN	VME-rack fan		
300	MC1	300MC1-VME-LINE-FILT.	VME-rack line filter		

6 Power Unit (Assembly No. 400)

6.1 Diagram

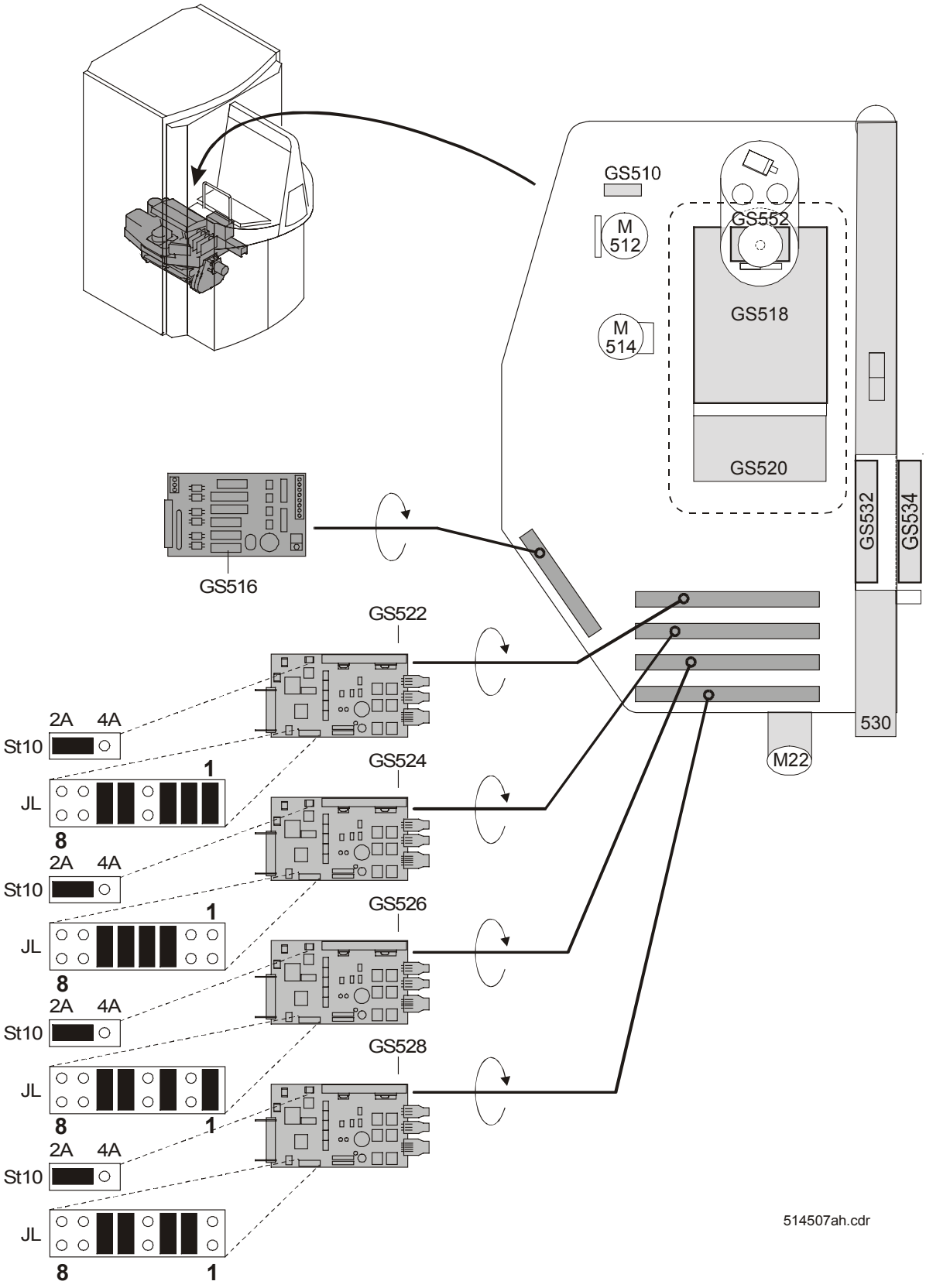


6.2 Table of Components

Assem-bly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Fuse	Quality
400	C1	400C1-CAPACITOR	Capacitor for DC +40V		
400	D1	400D1-RECTIFIER	Rectifier for DC +40V		
400	GS410	GS410-LINE-POWER-CON.	Line Power connection board	SI 1	T1,25A
				SI 2	T2,5A
				SI 3	T500mA
				SI 4	T2A
				SI 5	T6,25A
				SI 6	T6,25A
400	GS412	GS412-SMOT-FUSE-BOARD	Step motor fuse board, DC +40V	SI 1	T6.25A
				SI 2	T6.25A
				SI 3	T3.2A
				SI 4	T3.2A
				SI 5	T3.2A
				SI 6	T3.2A
				SI 7	T3.2A
				SI 8	T3.2A
				SI 9	T3.2A
				SI 10	T3.2A
				SI 11	T3.2A
				SI 12	T3.2A
				SI 13	T3.2A
				SI 14	T3.2A
				SI 15	T3.2A
400	GS414	GS414-VAC-DRIVER-NODE	Vacuum Driver node		
400	GS416	GS416-ERASE-DRV-NODE	Erasure unit driver node		
400	GS420	GS420-15/24V-POW-SUPP	Power supply, DC +15V / +24V for Galvo, RMS, valves		
400	M1	400M1-POWER-UNIT-FAN	Power unit fan		
400	M2	400M2-POWER-UNIT-FAN	Power unit fan		
400	M3	400M3-POWER-UNIT-FAN	Power unit fan		
400	M4	400M4-VACUUM-PUMP	Vacuum pump		
400	MG1	400MG1-SOLENOID-VALVE	Solenoid valve		
400	MG2	400MG2-SOLENOID-VALVE	Solenoid valve		
400	MG3	400MG3-SOLENOID-VALVE	Solenoid valve		
400	RS1	400RS1-3PH-CONTACTOR	3-phase contactor, Mains input		
400	RS2	400RS2-3PH-CONTACTOR	3-phase contactor, Erasure unit		
400	S1	400S1-MAINS-SWITCH	Mains switch		
400	S2	400S2-SAFETY-SWITCH	Safety switch		
400	S3	400S3-VACUUM-SWITCH	Vacuum switch		
400	Tr0	400TR0-3PH-TRANSFORM	3-phase Auto transformer (option)		
400	Tr1	400TR1-40V-TRANSFORM	Transformer for step motors (DC+40V)		

7 Scan Unit (Assembly No. 500)

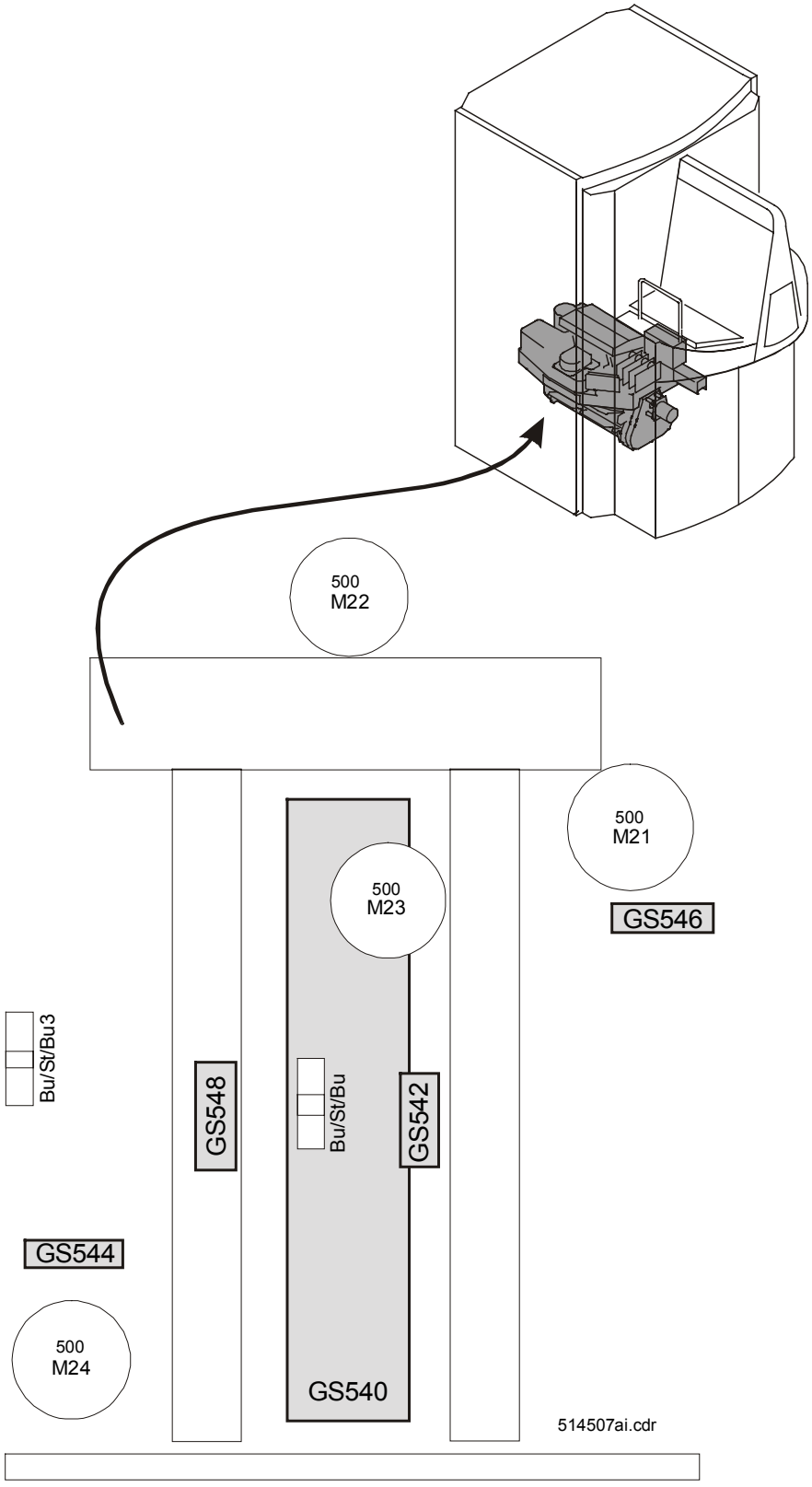
7.1 Scan Unit - Top View



7.2 Table of Components

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
530	530	530-LASER	Laser	2
500	GS510	GS510-ROT-SHUTTER-LS	Rotating shutter (Gap light barrier)	2
500	GS516	GS516-RMS-BOARD	Rotating shutter driver board	2
500	GS518	GS518-GALVO-DRIVER-BD	Galvo driver board	2
500	GS520	GS520-GALVO-ADAPTER	Galvo adapter board	2
500	GS522	GS522-SCAN-ROLLS-LIFT	Scanner roller lift stepmotor control board	1
500	GS524	GS524-POSTSC-ALIGN-BD	Postscan IP alignment stepmotor control board	1
500	GS526	GS526-PRESC-ALIGN-BD	Prescan IP alignment step motor control board	1
500	GS528	GS528-SLOWSCAN-BD	Slowscan step motor control board	1
550	GS532	GS532-PMT-HT-SUPPLY	Photomultiplier HT power supply	2
550	GS534	GS534-HT-CONTROL-BD	Photomultiplier HT control board	2
550	GS552	GS552-PMT-I/V-CONVERT	Photomultiplier & I/V converter	2
500	M22	500M22-SLOWSCAN-DRIVE	Slowscan drive	1
500	M512	500M512-SHUTTER-DRIVE	Rotating shutter drive	2
500	M514	M514-GALVANOMETER	Galvanometer	2

7.3 Scan Unit - Bottom View

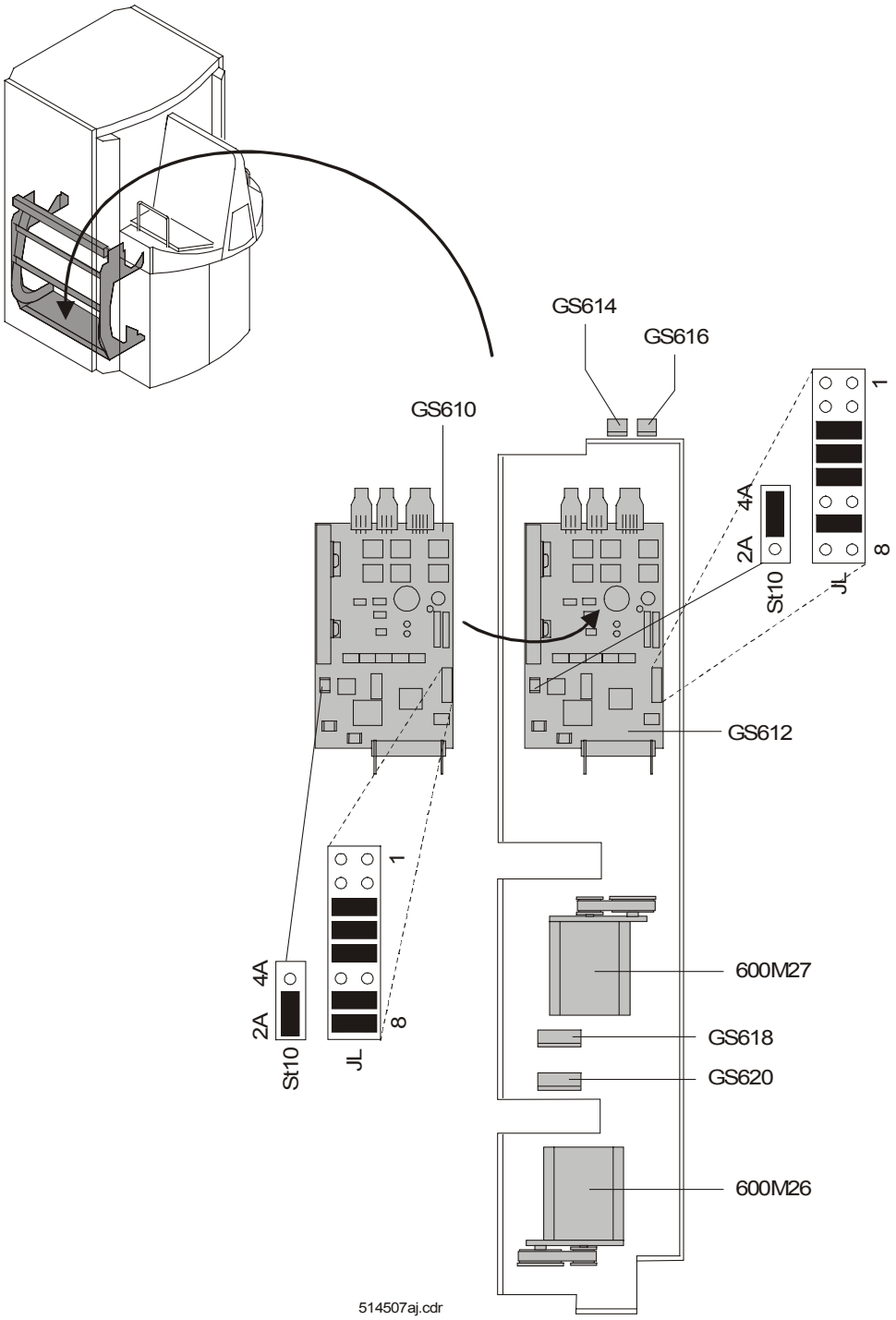


7.4 Table of Components

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
500	GS540	GS540-PIN-DIODE-BOARD	Pin diodes board	2
500	GS542	GS542-ROLLER-LIFT-LS	Scanner roller lift, 0-pos (Gap light barrier)	1
500	GS544	GS544-POST-ALIGN-LS	Postscan IP alignment, 0-pos (Gap light barrier)	1
500	GS546	GS546-PRE-ALIGN-LS	Prescan IP alignment, 0-pos (Gap light barrier)	1
500	GS548	GS548-POST-IP-DET-LS	Postscan IP detection (Gap light barrier)	1
500	M21	500M21-PRE-ALIGN-DRV	Prescan IP Alignment drive	1
500	M22	500M22-SLOWSCAN-DRIVE	Slowscan drive	1
500	M23	500M23-ROLL-LIFT-DRV	Scanner roller lift drive	1
500	M24	500M24-POST-ALIGN-DRV	Postscan IP Alignment drive	1

8 IP – Transport Units (Assemblies No. 600, 650)

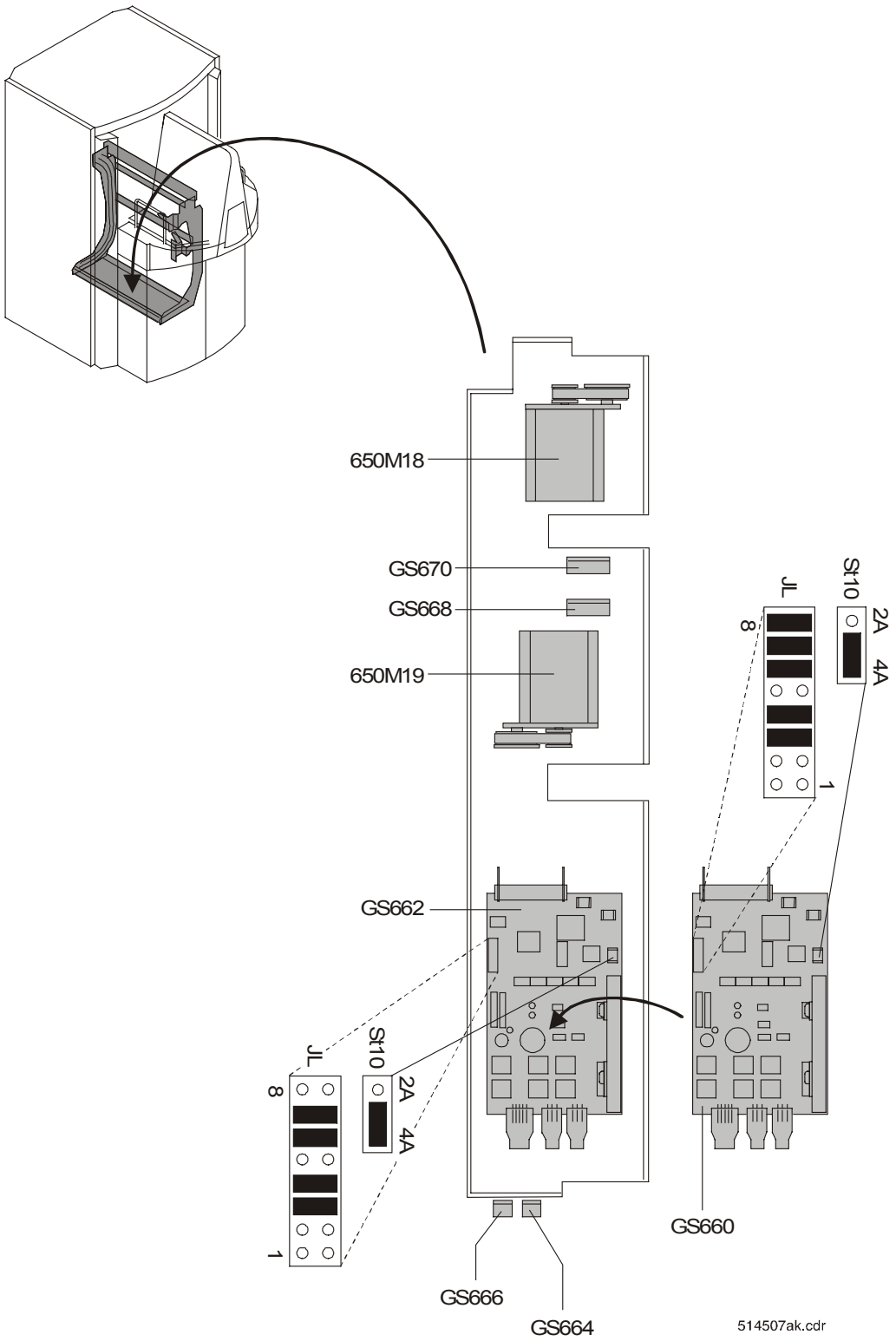
8.1 IP – Transport Unit left (postscan; Ass. 600)



8.2 Table of Components (IP – Transport Unit left - postscan)

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
600	GS610	GS610-POSTSC-SUCT-BD	Postscan suction bar step motor control board	1
600	GS612	GS612-POSTSC-SLED-BD	Postscan sled step motor control board	1
600	GS614	GS614-POST-SLED-0-LS	Postscan sled 0-position (Gap light barrier)	1
600	GS616	GS616-POST-SLEDPOS-LS	Postscan sled position detection (Gap light barrier)	1
600	GS618	GS618-POST-SUCT-0-LS	Postscan suction bar 0-pos (Gap light barrier)	1
600	GS620	GS620-POST-SUC-POS-LS	Postscan suction bar pos detection (Gap light barrier)	1
600	M26	600M26-POST-SLEDDRIVE	Postscan sled drive	1
600	M27	600M27-POST-SUCT.-DRV	Postscan suction bar drive	1

8.3 IP – Transport Unit right (prescan; Ass. 650)

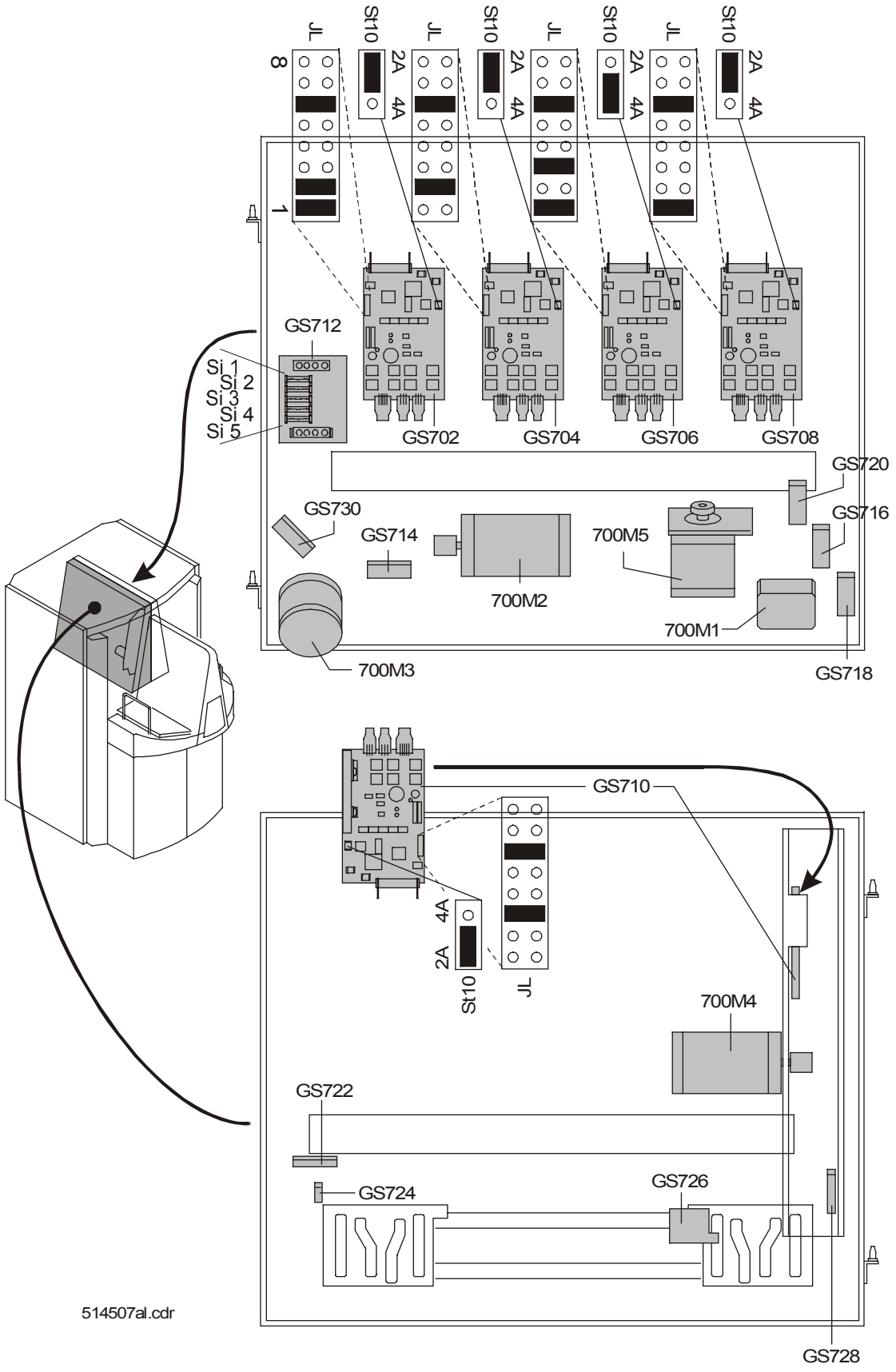


8.4 Table of Components (IP – Transport Unit right - prescan)

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
650	GS660	GS660-PRE-SUCTION-BD	Prescan suction bar step motor control board	1
650	GS662	GS662-PRESCAN-SLED-BD	Prescan sled step motor control board	1
650	GS664	GS664-PRESC-SLED-0-LS	Prescan sled 0-position (Gap light barrier)	1
650	GS666	GS666-PRE-SLEDPOS-LS	Prescan sled position detection (Gap light barrier)	1
650	GS668	GS668-PRESC-SUCT-0-LS	Prescan suction bar 0-pos (Gap light barrier)	1
650	GS670	GS670-PRE-SUC-POS-LS	Prescan suction bar pos detection (Gap light barrier)	1
650	M18	650M18-PRE-SLEDDRIVE	Prescan sled drive	1
650	M19	650M19-PRE-SUCT.-DRV	Prescan suction bar drive	1

9 Cassette Units (Assemblies No. 700, 750)

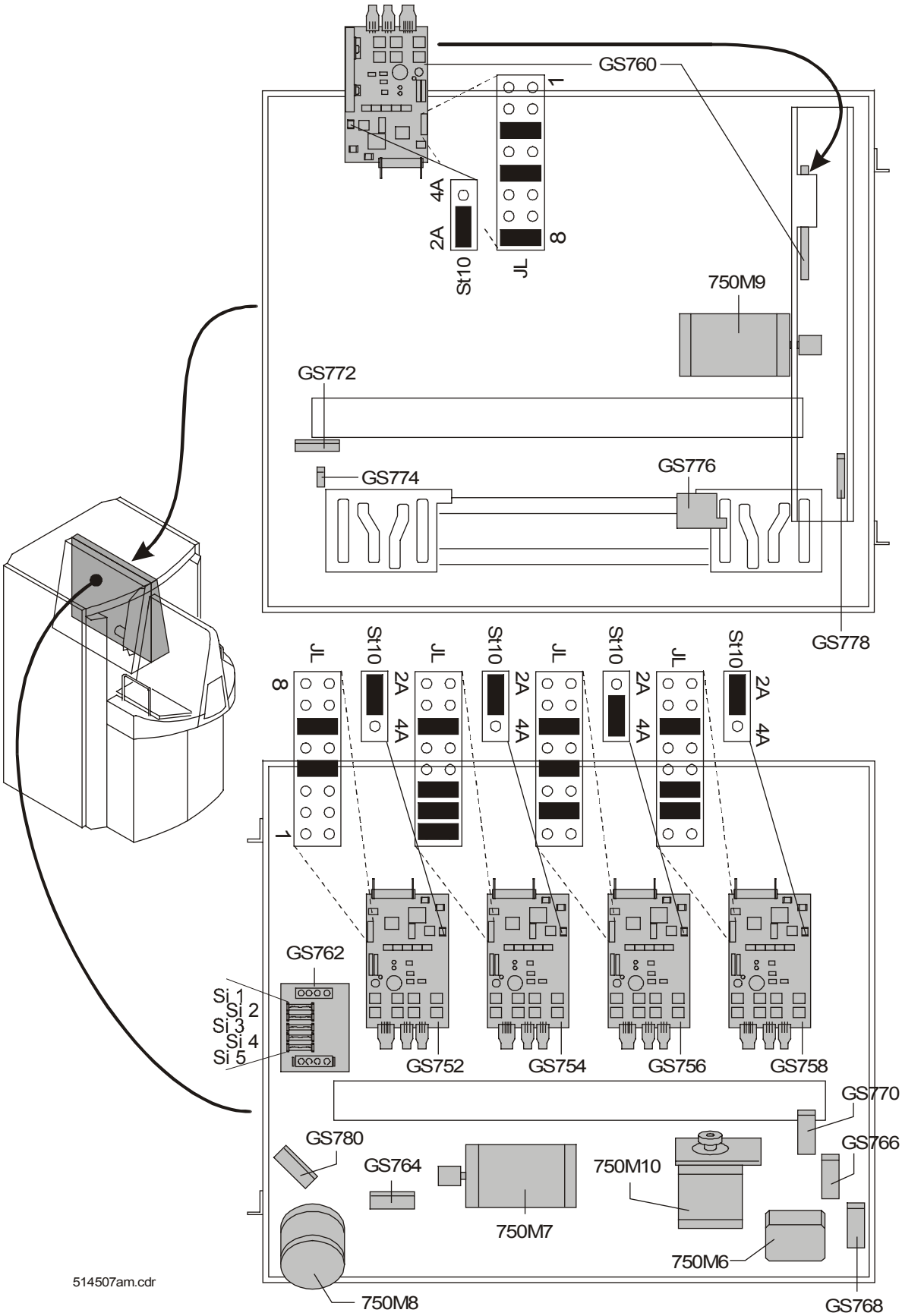
9.1 Cassette Unit 1 (Ass. 700)



9.2 Table of Components (Cassette Unit 1)

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Fuse	Quality
700	GS702	GS702-CASS1-CLAMP-BD	Cassette unit 1, clamp step motor control board		
700	GS704	GS704-CASS1-LIFT-BD	Cassette unit 1, lift step motor control board		
700	GS706	GS706-CASS1-BELT-BD	Cassette unit 1, belt step motor control board		
700	GS708	GS708-CASS1-ROLL-BD	Cassette unit 1, input roller step motor control board		
700	GS710	GS710-CASS1-OPEN-BD	Cassette unit 1, opener step motor control board		
700	GS712	GS712-CASS1-FUSE-BD	Cassette unit 1, fuse board, DC+40V	SI 1	T3.2A
				SI 2	T3.2A
				SI 3	T3.2A
				SI 4	T3.2A
				SI 5	T3.2A
700	GS714	GS714-CASS1-LIFT-0-LS	Cassette unit 1, lift 0-pos (Gap light barrier)		
700	GS716	GS716-CASS1-IN-DET-LS	Cassette unit 1, input detection, (long distance light barrier)		
700	GS718	GS718-CASS1-IN-PLS-BD	Cassette unit 1, input detection light barrier pulse board		
700	GS720	GS720-CASS1-BELT-0-LS	Cassette unit 1, belt 0-pos (Gap light barrier)		
700	GS722	GS722-CASS1-IN-DET-LS	Cassette unit 1, input detection, (long distance light barrier)		
700	GS724	GS724-CASS1-CLAMP-0-LS	Cassette unit 1, clamp 0-pos (Gap light barrier)		
700	GS726	GS726-CASS1-SWITCH	Cassette unit 1, cassette detection switch (Gap light barrier)		
700	GS728	GS728-CASS1-OPEN-0-LS	Cassette unit 1, opener 0-pos (Gap light barrier)		
700	GS730	GS730-CASS1-CLAMP-LS	Cassette unit 1, clamp pos (Gap light barrrier)		
700	M1	700M1-CASS1-ROLL-DRV	Cassette unit 1, input roller drive		
700	M2	700M2-CASS1-LIFT-DRV	Cassette unit 1, cassette lift drive		
700	M3	700M3-CASS1-CLMP-DRV	Cassette unit 1, clamp drive		
700	M4	700M4-CASS1-OPEN-DRV	Cassette unit 1, opener drive		
700	M5	700M5-CASS1-BELT-DRV	Cassette unit 1, belt drive		

9.3 Cassette Unit 2 (Ass. 750)

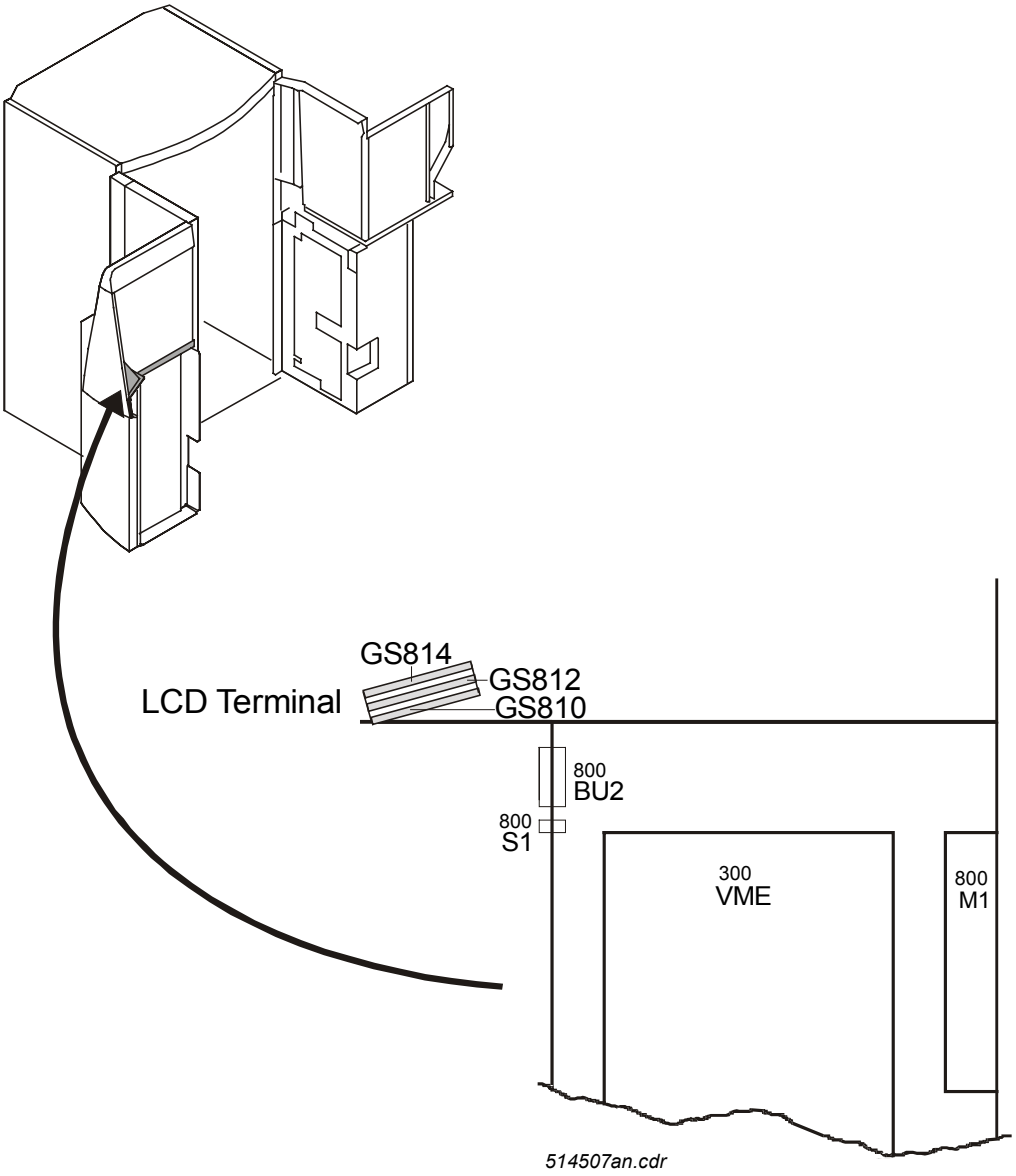


9.4 Table of Components (Cassette Unit 2)

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Fuse	Quality
750	GS752	GS752-CASS2-CLAMP-BD	Cassette unit 2, clamp step motor control board		
750	GS754	GS754-CASS2-LIFT-BD	Cassette unit 2, lift step motor control board		
750	GS756	GS756-CASS2-BELT-BD	Cassette unit 2, belt step motor control board		
750	GS758	GS758-CASS2-ROLL-BD	Cassette unit 2, input roller step motor control board		
750	GS760	GS760-CASS2-OPEN-BD	Cassette unit 2, opener step motor control board		
750	GS762	GS762-CASS2-FUSE-BD	Cassette unit 2, fuse board, DC+40V	SI 1	T3.2A
				SI 2	T3.2A
				SI 3	T3.2A
				SI 4	T3.2A
				SI 5	T3.2A
750	GS764	GS764-CASS2-LIFT-0-LS	Cassette unit 2, lift 0-pos (Gap light barrier)		
750	GS766	GS766-CASS2-IN-DET-LS	Cassette unit 2, input detection, (long distance light barrier)		
750	GS768	GS768-CASS2-IN-PLS-BD	Cassette unit 2, input detection light barrier pulse board		
750	GS770	GS770-CASS2-BELT-0-LS	Cassette unit 2, belt 0-pos (Gap light barrier)		
750	GS772	GS772-CASS2-IN-DET-LS	Cassette unit 2, input detection, (long distance light barrier)		
750	GS774	GS774-CASS2-CLMP-0-LS	Cassette unit 2, clamp 0-pos (Gap light barrier)		
750	GS776	GS776-CASS2-SWITCH	Cassette unit 2, cassette detection switch (Gap light barrier)		
750	GS778	GS778-CASS2-OPEN-0-LS	Cassette unit 2, opener 0-pos (Gap light barrier)		
750	GS780	GS780-CASS2-CLMP-LS	Cassette unit 2, clamp pos Gap light barrrier		
750	M6	750M6-CASS2-ROLL-DRV	Cassette unit 2, input roller drive		
750	M7	750M7-CASS2-LIFT-DRV	Cassette unit 2, cassette lift drive		
750	M8	750M8-CASS2-CLAMP-DRV	Cassette unit 2, clamp drive		
750	M9	750M9-CASS2-OPEN-DRV	Cassette unit 2, opener drive		
750	M10	750M10-CASS2-BELT-DRV	Cassette unit 2, belt drive		

10 Door left (Assembly 800)

10.1 Diagram

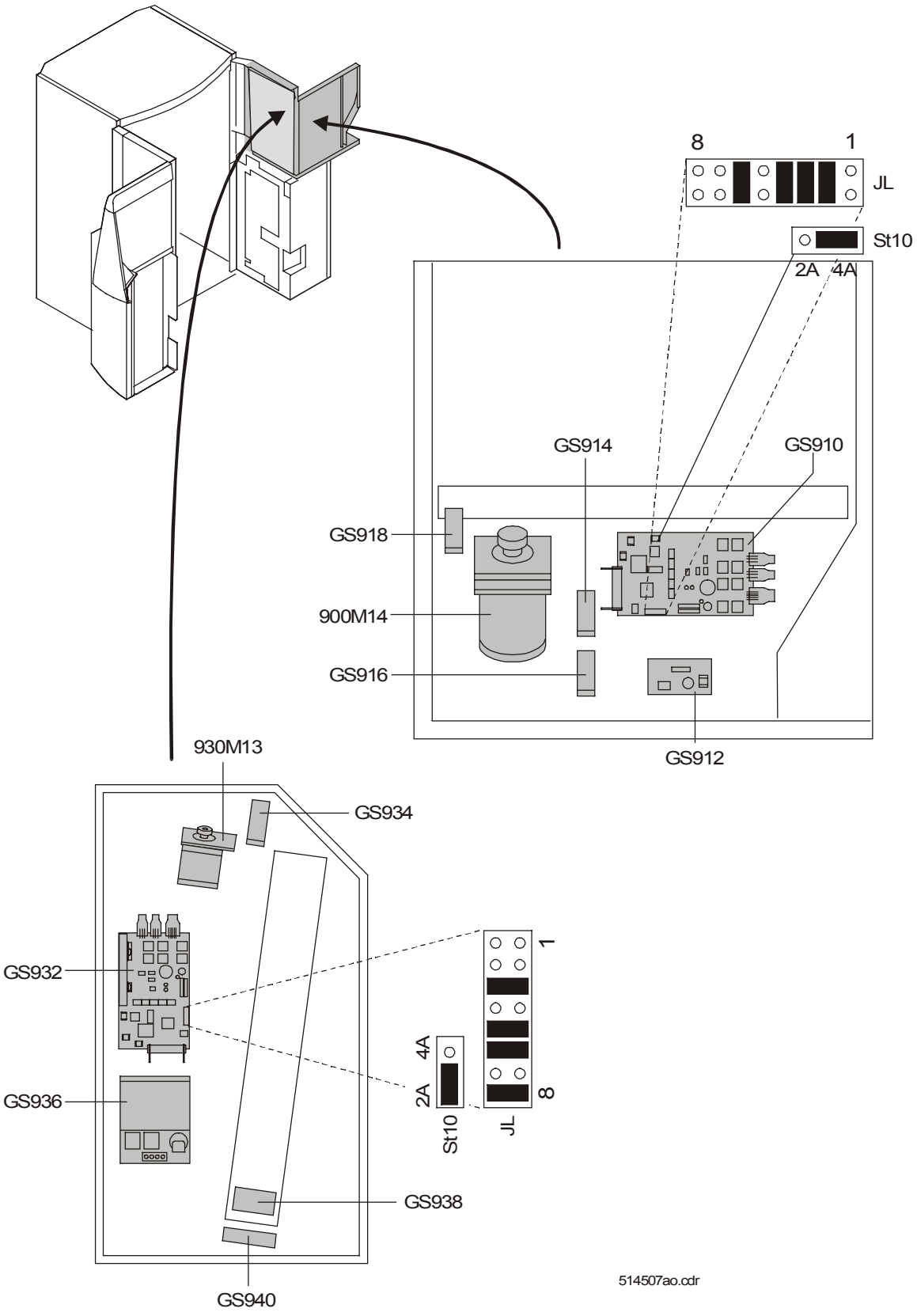


10.2 Table of Components

Assem-bly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
800	Bu2	800BU2-SERVICE-RS232	Service Interface RS232	2
800	GS810	GS810-LCD-TERMINAL-BD	LCD Terminal	2
800	GS812	GS812-LCD	Liquid cristal display	2
800	GS814	GS814-KEY-PAD	Key-pad LCD Terminal	2
800	M1	800M1-ERASURE-FAN	Erasure unit fan	1
800	S1	800S1-RESET-BUTTON	Reset button	2

11 I / O Buffer (Assemblies No. 900, 930, 950)

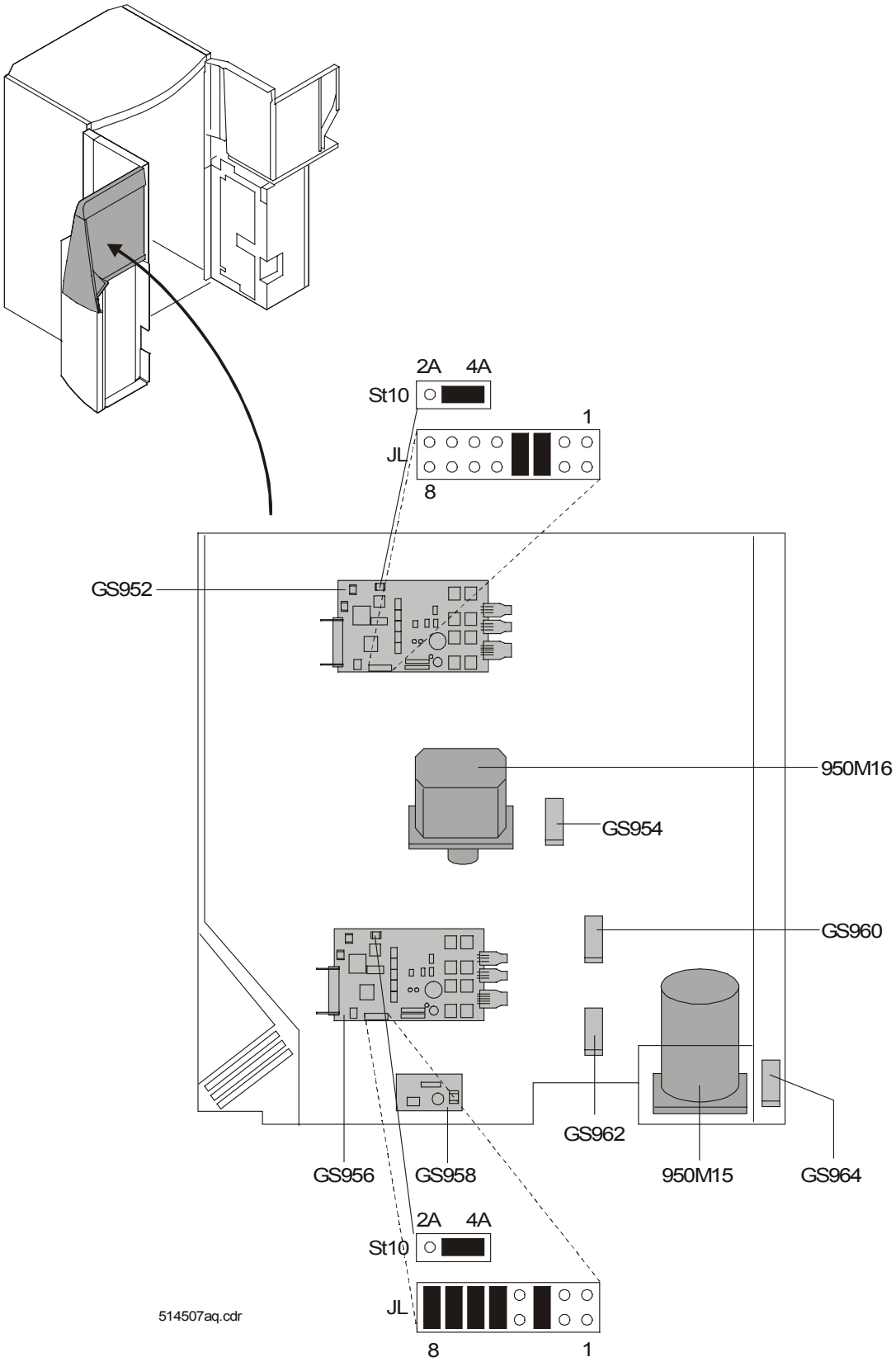
11.1 Input Buffer (Right Door, Ass. 900/930)



11.2 Table of Components (Right Door)

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
900	GS910	GS910-INBUFF-BELT-BD	Input buffer belt step motor control board	1
900	GS912	GS912-INBUFF-CASS-DET	Input buffer cassette detection light barrier pulse board	1
900	GS914	GS914-INBUFF-CASS-DET	Input buffer cassette detection, transmitter (long distance light barrier)	1
900	GS916	GS916-INBUFF-CASS-DET	Input buffer cassette detection; receiver (long distance light barrier)	1
900	GS918	GS918-INBUFF-BELT-LS	Input buffer belt 0-pos (Gap light barrier)	1
900	M14	900M14-INBUFF-BLT-DRV	Input buffer belt drive	1
930	GS932	GS932-INBUFF-DOOR-BD	Input buffer door step motor control board	1
930	GS934	GS934-INBUFF-DOOR-LS	Input buffer door 0-pos (Gap light barrier)	1
930	GS936	GS936-RF-TAG-READER	RF-Tag reader	2
930	GS938	GS938-RF-TAG-ANTENNA	RF-Tag antenna	2
930	GS940	GS940-CASS-DOT-DETECT	Cassette dot detection sensor	1
930	M13	930M13-IBUFF-DOOR-DRV	Input buffer door drive	1

11.3 Output Buffer (Left Door, Ass. 950)



11.4 Table of Components (Left Door)

Assembly	Abbre-viation	Designation (also used by Diagnosis Mode)	Function	Circuit diagram page
950	GS952	GS952-OUTBUFF-PUSH-BD	Output buffer pusher step motor control board	1
950	GS954	GS954-OUTBUFF-PUSH-LS	Output buffer pusher 0-pos (Gap light barrier)	1
950	GS956	GS956-OUTBUFF-ROLL-BD	Output buffer roller step motor control board	1
950	GS958	GS958-OBUFF-CASS-DET	Output buffer cassette detection light barrier pulse board	1
950	GS960	GS960-OBUFF-CASS-DET	Output buffer cassette detection, transmitter (long distance light barrier)	1
950	GS962	GS962-OBUFF-CASS-DET	Output buffer cassette detection, receiver (long distance light barrier)	1
950	GS964	GS964-OBUFF-ROLL-LS	Output buffer rollers 0-pos (Gap light barrier)	1
950	M15	950M15-OUTB.-ROLL-DRV	Output buffer rollers drive	1
950	M16	950M16-OUTB.-PUSH-DRV	Cassette pusher drive	1

B Circuit Diagrams of the ADC Compact Digitizer (Sheet 1/2)

see the following pages:

a) Circuit Diagrams of Type 5145 / 100/140/200/240

b) Circuit Diagrams of Type 5145 / 101/201

-400- POWER UNIT

-100- FRAME

CASSETTE OUTPUT

CASSETTE INPUT

-950- OUTPUT BUFFER

-900- INPUT BUFFER

-930- DOOR INPUT BUFFER

BUFFER/ DOOR

CASSETTE UNIT 1 700

CASSETTE UNIT 2 750

CASSETTE UNIT

ROTATION

-200- ROTATION UNIT

-600- IP TRANSPORT LEFT

-650- IP TRANSPORT RIGHT

IP- TRANSPORT

OPTIC

-500- SCAN UNIT

-800- DOOR LEFT

150-ERASURE-UNIT

LINE INPUT

DOOR LEFT > < VME

< OPTIC -500- > 15KV LASER, POWER SUPPLY RMS, GALVO

VME POWER, VME

					DATUM	NAME	OVERALL CIRCUIT DIAGRAM	TYP
				BEARB	8.4.98	RUSO	ADC COMPACT	5145/ 100
				GEPR			SHEET 1-2	
				NORM				
0A	20308	-	-	AGFA-GEVAERT FOTOTECHNIK MUENCHEN			F1.5145.4005.0	
AE-Z	AE-NR	DATUM	NAME				ERSATZ FUER	

GS310-VME-FLOPPY-DRV
L7.8506.9520.X

GS310-VME-HARD-DISK
F7.0486.1260.X

GS320-VME-POWER-SUPPL
F7.0486.1239.X

GS310-VME-STORAGE-BD
F8.5145.1540.X

300
VME-RACK

500
OPTIC

LASER
15KV
RMS
GALVO

300MC1-VME-
LINE-FILT.
F7.0436.6029.0

300M1-VME-FAN
M1

550
PM-MODUL

1.5KV max.

GS552-PMT-I/V-CONVERT
F8.5145.4940.X

GS510-ROT-
SHUTTER-LS

500M512-
SHUTTER-DRIVE
M512

M514-
GALVANOMETER
M514

GS518-GALVO-DRIVER-BD

GS516-RMS-
BOARD
F7.5140.1523.X

GS520-GALVO-ADAPTER
F8.5145.4950.X

GS532-PMT-
HT-SUPPLY
F7.0486.1250.X

GS534-HT-
CONTROL-BD
F8.5145.4970.X

GS370-VME-BACKPLANE

GEMINI COMPL.
F8.5145.1490.X

F8.5145.1425.X
GS330-VME-
BER-BD

GS330-VME-
GEMINI-BD
F8.5145.4820.X

GS330-VME-
MEM-BD
F7.5145.1428.X

GS340-VME-SCB
F8.5145.1510.X

GS350-
VME-SAB
F8.5145.1520.X

GS360-VME-ADAPTER-BD
F8.5145.1530.X

GS540-
PIN-DIODE-BOARD
F8.5145.4960.X

530-
LASER

800S1-
RESET-BUTTON

GS112-
ETHERNET-BOARD
F7.5145.1427.X

AUI CONNECTION
10 BASE 2 CONNECTION
UTP CONNECTION

F8.8377.1480.X
GS810-LCD-TERMINAL-BD

GS812-LCD
F7.0442.8202.0

GS814-KEY-PAD
F8.5145.1381.X

TERMINAL

GS936-RF-
TAG-READER
F7.0486.1247.X

GS938-RF-
TAG-ANTENNA
F8.5145.4930.X

300
VME-RACK
(IN 800 DOOR LEFT)

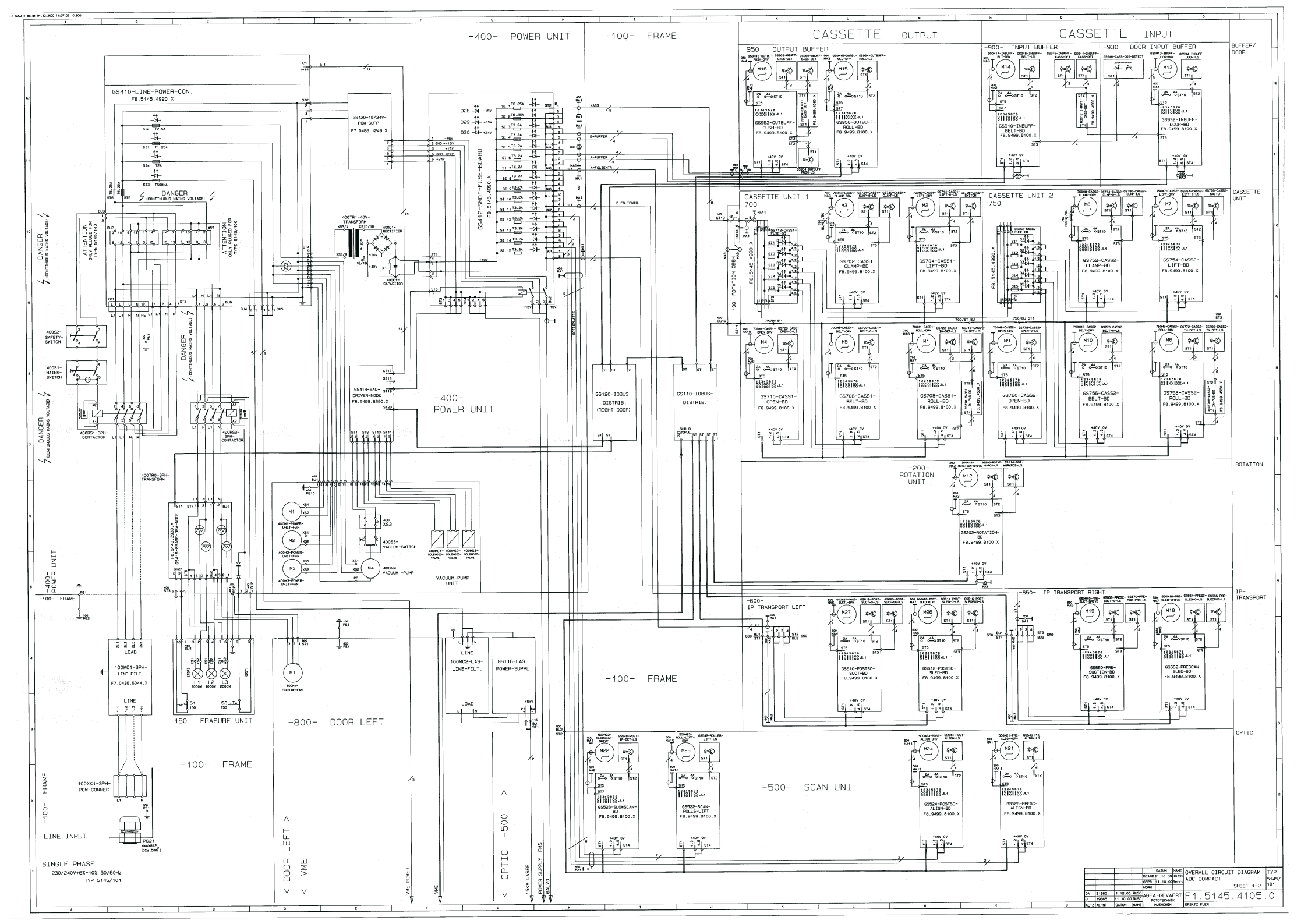
500
SCAN UNIT

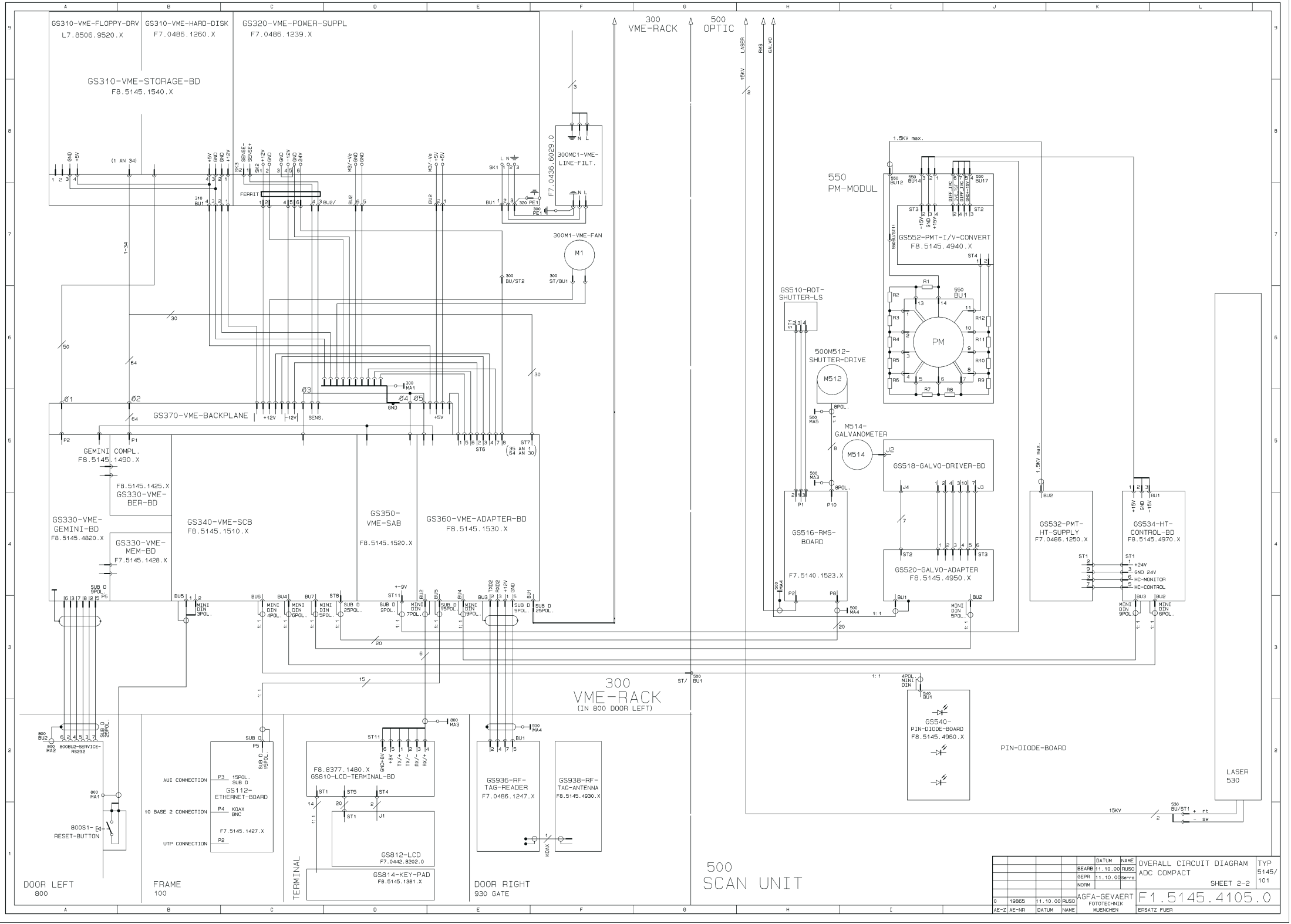
DOOR LEFT
800

FRAME
100

DOOR RIGHT
930 GATE

		DATUM	NAME	OVERALL CIRCUIT DIAGRAM ADC COMPACT	TYP 5145/100
	BEARB	8.4.98	RUSO		
	GEPR			SHEET 2-2	
	NORM				
0A 20308 - -	AGFA-GEVAERT FOTOTECHNIK MUENCHEN			F1.5145.4005.0	
AE-Z AE-NR DATUM NAME				ERSATZ FUER	


-400- POWER UNIT
-100- FRAME
CASSETTE OUTPUT
CASSETTE INPUT
-950- OUTPUT BUFFER
-900- INPUT BUFFER
-930- DOOR INPUT BUFFER
BUFFER/ DOOR
CASSETTE UNIT 1 700
CASSETTE UNIT 2 750
CASSETTE UNIT
GS410-LINE-POWER-CON. F8.5145.4920.X
GS420-15/24V-POW-SUPP F7.0486.1249.X
GS412-SMOT-FUSE-BOARD F8.5145.4990.X
DANGER (CONTINUOUS MAINS VOLTAGE)
ATTENTION! ONLY PLUGED FOR TYPE 5145/100
ATTENTION! ONLY PLUGED FOR TYPE 5145/100
400TR1-40V-TRANSFORM
400D1-RECTIFIER
400C1-CAPACITOR
400S2-SAFETY-SWITCH
400S1-MAINS-SWITCH
400RS1-3PH-CONTACTOR
400RS2-3PH-CONTACTOR
400TR2-3PH-TRANSFORM
GS414-VAC-DRIVER-NODE F8.9499.6250.X
-400- POWER UNIT
GS120-IOBUS-DISTRIB. (RIGHT DOOR)
GS110-IOBUS-DISTRIB.
-200- ROTATION UNIT
ROTATION
IP-TRANSPORT
-600- IP TRANSPORT LEFT
-650- IP TRANSPORT RIGHT
OPTIC
-500- SCAN UNIT
-100- FRAME
-800- DOOR LEFT
150 ERASURE UNIT
100MC1-3PH-LINE-FILT. F7.0436.6044.X
100XK1-3PH-POW-CONNEC
100MC2-LAS-LINE-FILT.
GS116-LAS-POWER-SUPPL
LINE INPUT
SINGLE PHASE 230/240V+6%-10% 50/60Hz TYP 5145/101
DOOR LEFT
VME
VME POWER
VME
OPTIC -500-
15KV LASER
POWER SUPPLY RMS
GALVO
OVERALL CIRCUIT DIAGRAM ADC COMPACT
TYP 5145/101
SHEET 1-2
AGFA-GEVAERT FOTOTECHNIK MUENCHEN
F1.5145.4105.0
ERSATZ FUER


GS310-VME-FLOPPY-DRV
L7.8506.9520.X
GS310-VME-HARD-DISK
F7.0486.1260.X
GS320-VME-POWER-SUPPL
F7.0486.1239.X
GS310-VME-STORAGE-BD
F8.5145.1540.X
300
VME-RACK
500
OPTIC
LASER
RMS
GALVO
15KV
300MC1-VME-
LINE-FILT.
F7.0436.6029.0
300M1-VME-FAN
550
PM-MODUL
GS552-PMT-I/V-CONVERT
F8.5145.4940.X
PM
GS510-ROT-
SHUTTER-LS
500M512-
SHUTTER-DRIVE
M512
M514-
GALVANOMETER
M514
GS518-GALVO-DRIVER-BD
GS516-RMS-
BOARD
F7.5140.1523.X
GS520-GALVO-ADAPTER
F8.5145.4950.X
GS532-PMT-
HT-SUPPLY
F7.0486.1250.X
GS534-HT-
CONTROL-BD
F8.5145.4970.X
GS370-VME-BACKPLANE
GEMINI COMPL.
F8.5145.1490.X
GS330-VME-
BER-BD
F8.5145.1425.X
GS330-VME-
GEMINI-BD
F8.5145.4820.X
GS330-VME-
MEM-BD
F7.5145.1428.X
GS340-VME-SCB
F8.5145.1510.X
GS350-
VME-SAB
F8.5145.1520.X
GS360-VME-ADAPTER-BD
F8.5145.1530.X
300
VME-RACK
(IN 800 DOOR LEFT)
GS540-
PIN-DIODE-BOARD
F8.5145.4960.X
PIN-DIODE-BOARD
LASER
530
800S1-
RESET-BUTTON
GS112-
ETHERNET-BOARD
F7.5145.1427.X
AUI CONNECTION
10 BASE 2 CONNECTION
UTP CONNECTION
F8.8377.1480.X
GS810-LCD-TERMINAL-BD
GS812-LCD
F7.0442.8202.0
GS814-KEY-PAD
F8.5145.1381.X
TERMINAL
GS936-RF-
TAG-READER
F7.0486.1247.X
GS938-RF-
TAG-ANTENNA
F8.5145.4930.X
DOOR LEFT
800
FRAME
100
DOOR RIGHT
930 GATE
500
SCAN UNIT
OVERALL CIRCUIT DIAGRAM
ADC COMPACT
SHEET 2-2
TYP
5145/
101
AGFA-GEVAERT
FOTOTECHNIK
MUENCHEN
F1.5145.4105.0
ERSATZ FUER